

Work Order ID 131503***131503***

Page 1

Monday, April 13, 2015 10:03:56 AM

Item ID: D3053-042

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 212 Basket Base Assembly

Start Date: 4/13/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/1/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: UMFDate: 5-4-13 Tooling:

Date:

QC:

Date: SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3053

C

100

0.00

100

Large Fab

Large Fab

Memo

0.04

Large Fab

1-Cut 5 D2235-3 FROM D3166-1 using DT8365

2-Cut Ribs from 3/4" x 3/4" x 0.065 wall 304/316 SS tubing as per dwg.

3-Remove all markings from material

4-Drill holes in D3053-3 as per dwg D3053

5-Drill holes in three D2235-3 ribs as per dwg D3053 using DT8995

6- Cut mesh as per dwg

CC 15-5-5

110

Weld per dwg A/R S.S. rod Batch: B125054 0.00***110***

Large Fab

Large Fab

Memo

0.00

Large Fab

1 -Weld as per Dwg D3053 using Welding Table and corner Jig Deburr as required

1x CC 15-5-7

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Page 2

[illegible]

Work Order ID 131503

131503

Page 3

Monday, April 13, 2015 10:03:56 AM

Item ID: D3053-042 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 212 Basket Base Assembly
Start Date: 4/13/2015 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 5/1/2015 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150 *150* Powdercoat Powder Coating	White Gloss(Ref:4.3.5.2) per OSI005 4.3-Steel <i>M 131545</i> Memo START TIME: <i>9:30</i> OVEN TEMPERATURE: <i>400</i> FINISH TIME: <i>10:00</i>	0.00 0.01	<i>SEC COAT</i> <i>START: 10:15.</i> <i>OVEN TI 1160°</i> <i>FINISH: 10:45.</i>			<i>1</i>	<i>15-58</i>		<i>DAS 34 9-88</i>
160 *160* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00				<i>1</i>	<i>15/05/11</i>		<i>DAS 15 9-89</i>
170 *170* Packaging Packaging	Identify as per dwg & Stock Location: <i>W16</i> Memo	0.00 0.00				<i>1</i>	<i>15/05/11</i>		

Work Order ID 131503

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131503

Page 4

Item ID: D3053-042**Accept*****N900040100*****Setup Start *NS1*****Revision ID:****Stop *NS2*****Item Name:** 212 Basket Base Assembly**Start Date:** 4/13/2015 **Start Qty:** 1.00 ***1*****Cust Item ID:****Required Date:** 5/1/2015 **Req'd Qty:** 1.00 ***1*****Customer:****Reference:****Approvals:** **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____**Run Start *NR1*****QC:** _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____**Stop *NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo	0.00							
Quality Control									

nf
15-5-11

Picklist Print

Monday, April 13, 2015 10:03:55 AM

Page 1

Work Order ID: 131503

131503

Parent Item: D3053-042

D3053-042

Parent Item Name: 212 Basket Base Assembly

Start Date: 4/13/2015

Required Date: 5/1/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP C02.09.04M304EX0.75-16F was M750-16FXS-S/SKJ/RF
IPP Rev:D 08-08-29 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3166-1		Manufactured	No			100	Each	19.0000	5	5			

D3166-1

Basket Hoop

**

CC 15-5-5

Location

Loc Qty

Loc Code

WA004

19

B125269

5

125268

1

125270

6

127860

12

M304EX0.75-16F

Purchased

No

100

sf

1,014.861

48

51

M304FX0 75-16F

Expanded Metal Flat SS

**

CC 15-5-5

Location

Loc Qty

Loc Code

WA004

446

M131848

446

WA006

568.8612

M131107

129.8612

M131629

439

M304TS0.750W.065

Purchased

No

100

f

997.3500

43.3333

46

M304TS0 750W 065

304 SQ Tube .75x.75x.065W

**

DL 15/5/4

Location

Loc Qty

Loc Code

WA004

997.35

125513

14

m128495

389.35

m131206

594

46

Picklist Print

Page 2

Monday, April 13, 2015 10:03:55 AM

Work Order ID: 131503

131503

Parent Item: D3053-042

D3053-042

Parent Item Name: 212 Basket Base Assembly

Start Date: 4/13/2015

Required Date: 5/1/2015

Start Qty: 1.00

Required Qty: 1.00

D2232-3 Manufactured No

110 Each 36.0000 2 2

D2232-3

**

Basket Hinge

LocationLoc QtyLoc Code

WA004

36

16

20

101778

115847

~~B102653~~

(2x)

D2327-3 Manufactured No

110 Each 46.0000 2 2

D2327-3

**

Spacer Bushing

LocationLoc QtyLoc Code

WA004

46

25

21

100523

103679

(2x)

D2581 Manufactured No

110 Each 91.0000 2 2

D2581

**

Mounting Bracket

LocationLoc QtyLoc Code

WA004

91

36

39

102265

127716

131144

16

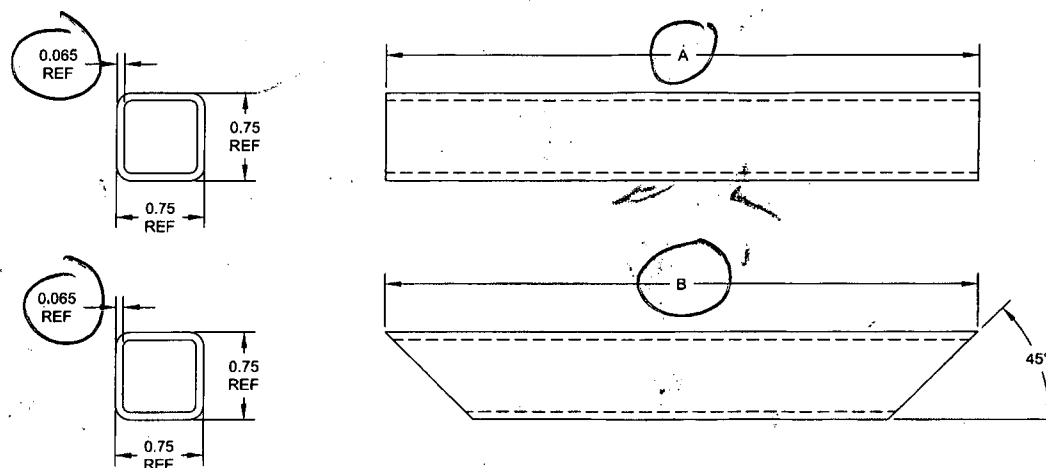
(2x)

Monday, April 13, 2015 10:03:56 AM

Shop Packet Print

Page 2

QTY -041	QTY -042	PART NO	LENGTH A	LENGTH B	DESCRIPTION
X		D3053-041	N/A	N/A	BASKET BASE ASSY
	X	D3053-042	N/A	N/A	BASKET BASE ASSY
2	2	D3053-1		96.00	RIB
2	2	D3053-3		25.50	RIB
6	6	D3053-5	23.73		RIB
3	3	D3053-7	25.31		RIB
3	3	D3053-9	19.48	N/A	RIB
2	2	D2327-3	N/A	N/A	BUSHING
2	2	D2581	N/A	N/A	MOUNTING BRACKET
2	2	D2232-3	N/A	N/A	HINGE PLATE
5	5	D2235-3	N/A	N/A	RIB



D3053-X RIB

NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: N/A
- 9) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 10) WELD PER DART QSI 004

C	ADD -041 VIEWS, ZN B4-2, D4-2, B7-2. RE-ORGANIZE DWG. REF NCR13-2766.	DC	13.12.12
B	FRAME MATERIAL WAS 0.060 WALL. MESH MATERIAL UPDATED. DRAWING MOVED TO "B" FORMAT AND UPDATED TO CURRENT STANDARDS.	AJS	08.07.02
A	NEW ISSUE	RF	01.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
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DQA: _____ Date: _____

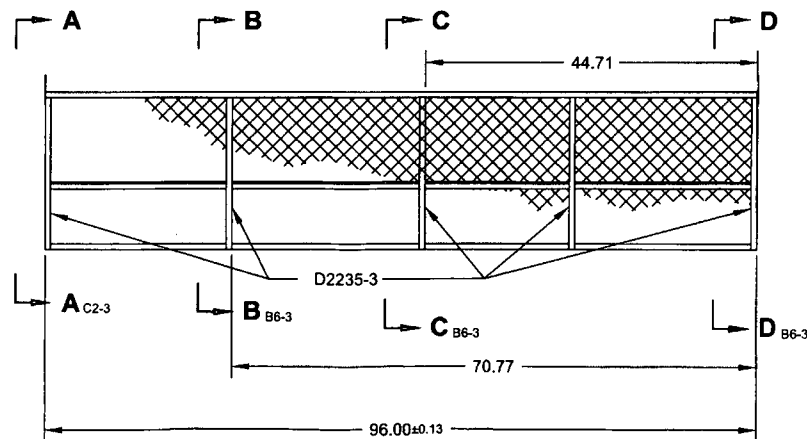
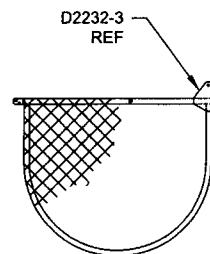
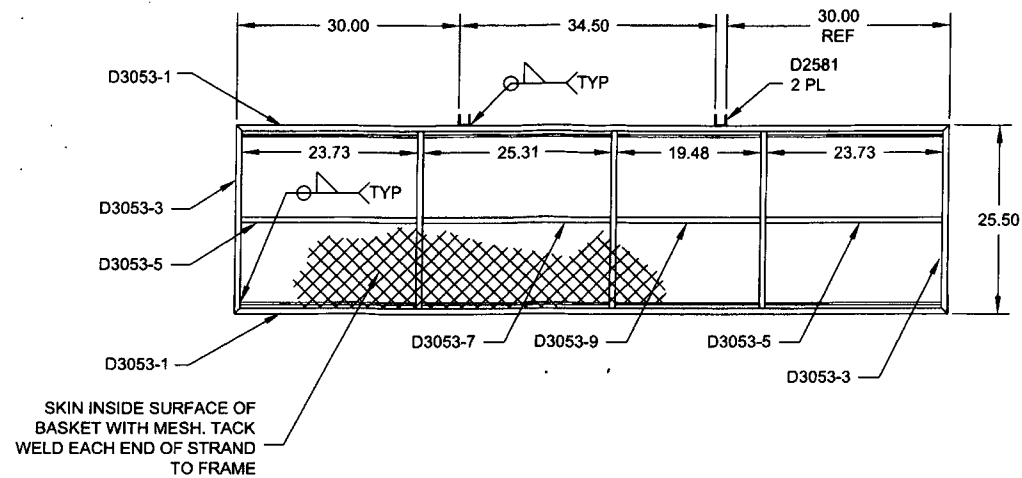


WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation			Disposition		Completed By																
					Lead hand / Supervisor Approval Verification																
					QC / QA Coordinator Approval																
Root Cause			FAULT CATEGORY																		
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER :																					



D3053-041 BASKET BASE ASSEMBLY

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 2 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	BASKET BASE ASSEMBLY (212)	NTS
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DQA: _____ Date: _____

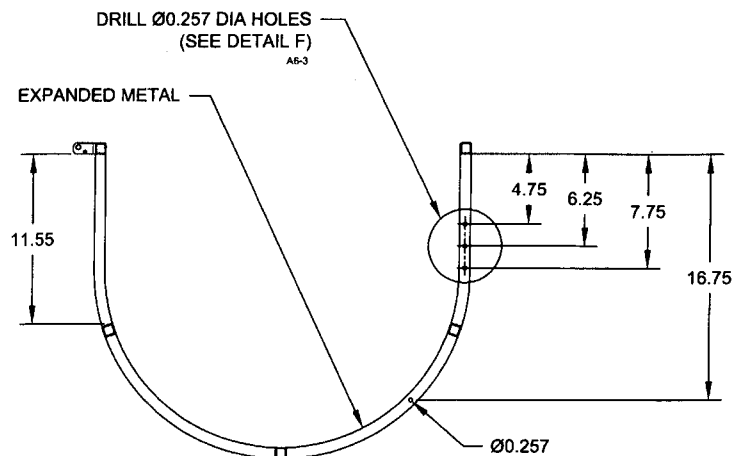


WORK ORDER NON-CONFORMANCE / UPDATE

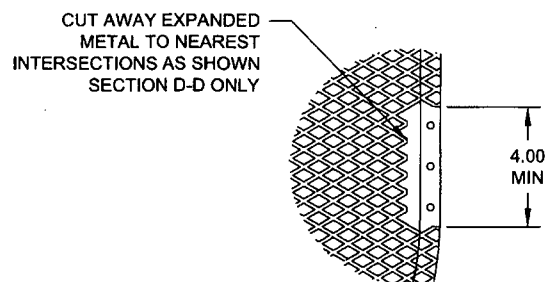
QA Closed: _____ Date: _____

Work Order update only ☐

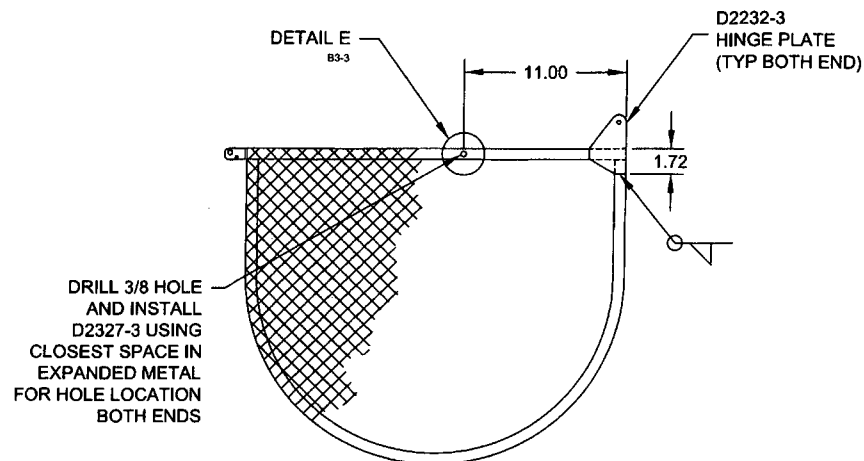
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :	Step #:	QTY Effective :				MRB (QS1042) Approval	
Description Work Order Deviation		Disposition				Completed By	
						Lead hand / Supervisor Approval Verification	
						QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐	



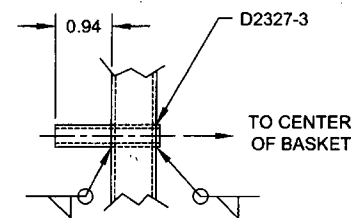
SECTION B-B
SECTION C-C
AND SECTION D-D
RIB DETAIL



DETAIL F
SCALE NONE



SECTION A-A
SPACER DETAIL



DETAIL E
SCALE 4X

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 3 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
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RELEASED
2014-01-03

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

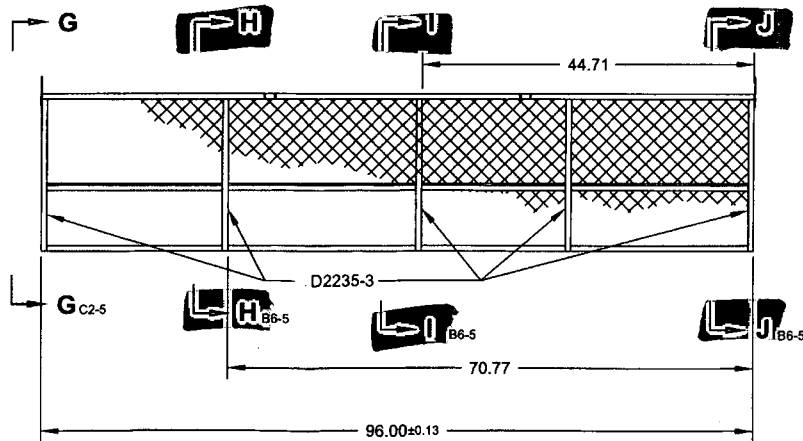
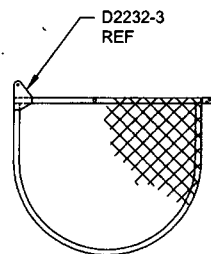
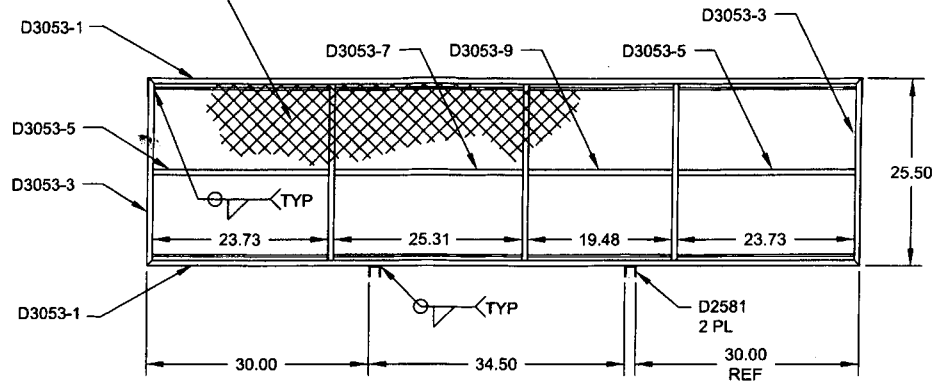
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Misabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

SKIN INSIDE SURFACE OF
BASKET WITH MESH. TACK
WELD EACH END OF STRAND
TO FRAME



D3053-042 BASKET BASE ASSEMBLY SHOWN

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 4 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
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DQA: _____ Date: _____

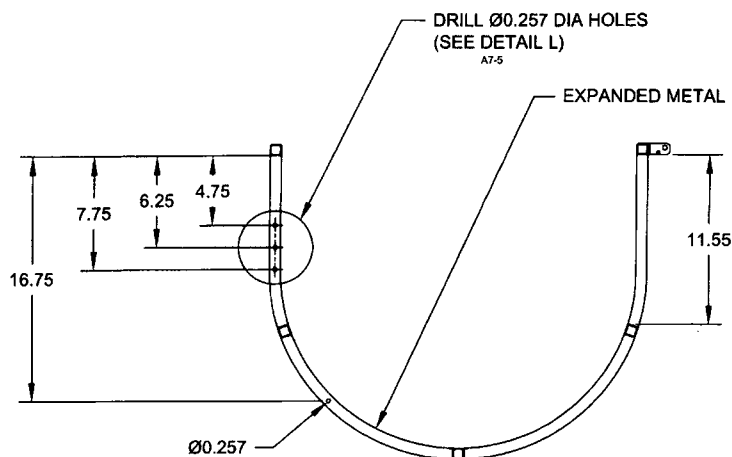


WORK ORDER NON-CONFORMANCE / UPDATE

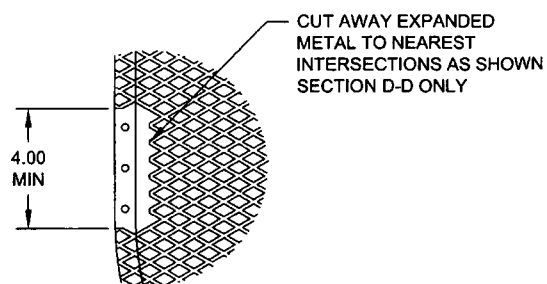
QA Closed: _____ Date: _____

Work Order update only ☐

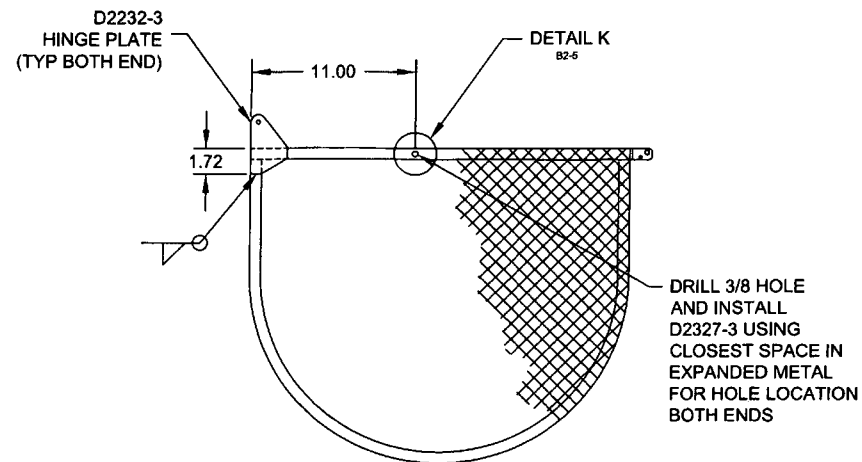
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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Description Work Order Deviation				Disposition			Completed By																		
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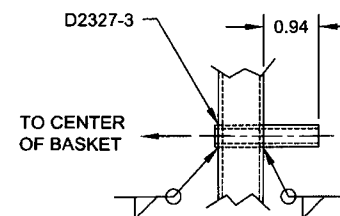
SECTION H-H_{B5-4}
SECTION I-I_{B4-4}
AND SECTION J-J_{B3-4}
RIB DETAIL



DETAIL L
SCALE NONE
C7-5



SECTION G-G_{B5-4}
SPACER DETAIL



DETAIL K
SCALE 4X
D3-5

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
DATE	13.12.12	COPYRIGHT © 2001 BY DART AEROSPACE LTD	
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								